

22386 U.S. PTO  
10/664668  
09/18/03



## UTILITY PATENT APPLICATION TRANSMITTAL

Submit an original and a duplicate for fee processing  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

<b>ADDRESS TO:</b> <b>Mail Stop Patent Application</b> <b>Commissioner for Patents</b> <b>P.O. Box 1450</b> <b>Alexandria, Virginia 22313-1450</b>		<b>Attorney Docket No.</b> MBHB02-742-E (400/130) <b>First Named Inventor</b> James McSwiggen <b>Express Mail No.</b> EV333564294US
<b>APPLICATION ELEMENTS</b>		<b>ACCOMPANYING APPLICATION PARTS</b>
1. <input checked="" type="checkbox"/> Transmittal Form with Fee 2. <input checked="" type="checkbox"/> Specification (including claims and abstract) [Total Pages 197] 3. <input checked="" type="checkbox"/> Drawings [Total Sheets 15] 4. <input type="checkbox"/> Oath or Declaration [Total Pages ] a. <input type="checkbox"/> Newly executed b. <input type="checkbox"/> Copy from prior application <b>[Note Boxes 5 and 18 below]</b> i. <input type="checkbox"/> <u>Deletion of Inventor(s)</u> Signed statement attached deleting inventor(s) named in the prior application 5. <input type="checkbox"/> Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 6. <input type="checkbox"/> Computer Code Listing (See 1.96) a. <input type="checkbox"/> Microfiche Appendix b. <input type="checkbox"/> CD-Rom (in duplicate, with separate transmittal) 7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying above copies 8. <input checked="" type="checkbox"/> Small Entity Status <input checked="" type="checkbox"/> is claimed <input type="checkbox"/> Statement filed in prior application; status still proper and desired <input type="checkbox"/> is no longer claimed.		9. <input type="checkbox"/> Assignment Papers 10. <input type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS) <input type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) 16. <input type="checkbox"/> A Request for non-publication pursuant to 35 U.S.C. § 122(b)(2)(B)(i) 17. <input checked="" type="checkbox"/> Other: Patent Application Data Sheet
18. <input checked="" type="checkbox"/> This is a CONTINUING APPLICATION. Please note the following: a. <input checked="" type="checkbox"/> This is a <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part of McSwiggen, USSN to be assigned, filed September 16, 2003, which is a continuation-in-part of McSwiggen, PCT/US03/05022, filed February 20, 2003, which claims the benefit of Beigelman USSN 60/358,580 filed February 20, 2002, of Beigelman USSN 60/363,124 filed March 11, 2002, of Beigelman USSN 60/386,782 filed June 6, 2002, of McSwiggen, USSN 60/393,796 filed July 3, 2002, of McSwiggen, USSN 60/399,348 filed July 29, 2002, of Beigelman USSN 60/406,784 filed August 29, 2002, of Beigelman USSN 60/408,378 filed September 5, 2002, of Beigelman USSN 60/409,293 filed September 9, 2002, and of Beigelman USSN 60/440,129 filed January 15, 2003, which is a continuation-in-part of Pavco, USSN 10/306,747, filed November 27, 2002, which claims the benefit of Pavco USSN 60/334,461, filed November 30, 2001, a continuation-in-part of Pavco, USSN 10/287,949 filed November 4, 2002, and a continuation-in-part of Pavco, PCT/US02/17674 filed May 29, 2002. b. <input type="checkbox"/> Cancel in this application original claims fee. (At least one claim must remain.) of the prior application before calculating the filing fee. c. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This is a <input type="checkbox"/> continuation <input type="checkbox"/> divisional <input type="checkbox"/> continuation-in-part of application Serial No. d. <input type="checkbox"/> The prior application is assigned of record to .		

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. MHBH02-742-E  
(400/130)

## APPLICATION FEES

BASIC FEE				\$ 750.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	36 -20 =	16	x \$18.00	\$ 288.00
Independent Claims	4 - 3 =	1	x \$84.00	\$ 84.00
<input type="checkbox"/> Multiple Dependent Claims(s) if applicable			+\$280.00	\$
			Total of above calculations =	\$ 1,122.00
			Reduction by 50% for filing by small entity =	\$(561.00)
<input type="checkbox"/> Assignment fee if applicable			+ \$40.00	\$
			TOTAL =	\$ 561.00

19.  Please charge my Deposit Account No. 13-2490 in the amount of \$20.  A check in the amount of \$561.00 is enclosed.

21. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:

- a.  Fees required under 37 CFR 1.16.
- b.  Fees required under 37 CFR 1.17.
- c.  Fees required under 37 CFR 1.18.

22. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.

## 23. CERTIFICATE OF MAILING

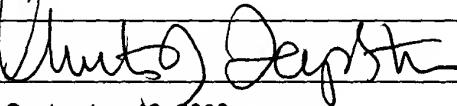
I hereby certify that, under 37 CFR § 1.10, I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee," addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.

## 24. USPTO CUSTOMER NUMBER

20306

McDonnell Boehnen Hulbert &amp; Berghoff

## 25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name	Apita J. Terpstra, Ph.D.
Reg. No.	47,132
Signature	
Date	September 18, 2003

UTIL (Rev. 11/21/00)